

Abbreviations

ADN:	Ammonium dinitramide
AMATOL:	Ammonium Nitrate (40%) and Trinitro toluene (60%) mixture
AN:	Ammonium nitrate
ANFO:	Ammonium Nitrate Fuel Oil
AP:	Ammonium Perchlorate
BAMO:	Bis-Azido Methyl Oxetane
BDNPA:	Bis-(2,2-dinitropropyl) Acetal
BDNPF:	Bis-(2,2-dinitropropyl) Formal
BNCP:	Bis-(5-nitro-2H-tetrazolato-N) Tetramine Cobalt (III) Perchlorate
BTATz:	Bis-tetrazolyl Amino Tetrazine
Bu-NENA:	Butyl-Nitrato Ethyl Nitramine
BTTN:	Butane Triol Trinitrate
CD (nozzle):	Convergent-Divergent (Nozzle)
CE:	Composition Exploding (also called Tetryl)
CL-20:	China Lake-20 (also called HNIW)
CTPB:	Carboxy Terminated Poly-Butadiene
CYCLOTOL:	RDX (77%) and TNT (23%) mixture
DBP:	Dibutyl Phthalate
DDT:	Deflagration-to-Detonation Transition
DMNB:	2,3-Dimethyl-2,3-Dinitro Butane
DNAN:	2,4-Dinitro Anisole
DNB:	Dinitro Benzene
DNT:	Dinitro Toluene
DOP:	Diocetyl Phthalate
DPA:	Diphenyl Amine
2N-DPA:	2-Nitro Diphenyl Amine

Abbreviations

DSC:	Differential Scanning Calorimetry
DTA:	Differential Thermal Analysis
ECD:	Electron Capture Detector
EGDN:	Ethylene Glycol Dinitrate
ESD:	Electrostatic Discharge
ESH:	Explosive Storage House
FIS:	Field Ion Spectrometer
FOX-7:	1,1-diamino-2,2-dinitroethylene
GAP:	Glycidyl Azide Polymer
GC:	Gas Chromatography
HD:	Hazard Division
HE:	High Explosive
HEAT:	High Explosive Anti-Tank
HEM:	High Energy Material
HESH:	High Explosive Squash Head
HMTD:	Hexa Methylene Triperoxide Diamine
HMX:	High Melting Explosive (also called Octogen): Cyclotetramethylene tetranitramine
HNF:	Hydrazinium Nitroformate
HNS:	Hexanitro Stilbene
HNIW:	Hexanitro hexaaza Isowurtzitane (also called CL-20)
HPLC:	High Performance Liquid Chromatography
HTPB:	Hydroxy Terminated Poly-Butadiene
IED:	Improvised Explosive Device
IM:	Insensitive Munitions
IMS:	Ion Mobility Spectrometer
IR:	Infra Red
Isp:	Specific Impulse
LA:	Lead Azide
LBR:	Linear Burning Rate
LLM-105:	2,6-diamino-3,5-dinitropyrazine-1-oxide (a thermally stable insensitive explosive) developed by Lawrence Livermore National Laboratory, USA.
LOVA:	Low Vulnerability Ammunition

LOVEX:	Low Vulnerability Explosive
LOX:	Liquid Oxygen
MEMS:	Micro Electro Mechanical System
MF:	Mercury Fulminate
MNT:	Mononitro Toluene
MSDS:	Materials Safety Data Sheet
MTNI:	N-Methyl-2,4,5-Trinitro Imidazole
NC:	Nitrocellulose
NEQ:	Net Explosive Quantity
NG:	Nitroglycerine
NHN:	Nickel Hydrazine Nitrate
NIMMO:	3-Nitratomethyl-3-methyl oxetane
NMR:	Nuclear Magnetic Resonance
NTO:	3-Nitro-1,2,4-triazole-5-one
OB:	Oxygen Balance
OCTOL:	HMX (76.3%) and TNT (23.7%) mixture
ONC:	Octanitro Cubane
OQD:	Outside Quantity Distance
PBX:	Plastic Bonded Explosive
PETN:	Pentaerythritol Tetranitrate
PGN:	Poly-Glycidyl Nitrate
PIQD:	Process Inside Quantity Distance
PVC:	Polyvinyl chloride
RDX:	Research & Development Explosive (also called Hexogen): Cyclotrimethylene trinitramine
RFNA:	Red Fuming Nitric Acid
SEMTEX:	Generic name for RDX-based plastic bonded explosive
SIQD:	Storage Inside Quantity Distance
SOP:	Standard Operating Procedure
STA:	Simultaneous Thermal Analysis
TATB:	Triamino Trinitro Benzene
TATP:	Triacetone Triperoxide
TACOT:	Tetranitro dibenzo tetraazapentalene (a heat resistant explosive)

Abbreviations

TAGAT:	Triamino Guanidinium Azotetrazolate
TDI:	Toluene Di-isocyanate
TEGDN:	Triethylene Glycol Dinitrate
Tetryl:	2,4,6-trinitrophenyl methyl nitramine (also called CE)
TGA:	Thermogravimetric Analysis
THF:	Tetrahydrofuran
TLC:	Thin Layer Chromatography
TMD:	Theoretical Maximum Density
TMETN:	Trimethylolethane trinitrate
TNAZ:	1,3,3-Trinitro Azetidine
TNB:	Trinitrobenzene
TNT:	Trinitrotoluene
TORPEX:	Explosive Mixture of RDX (40.5%), TNT (40.5%), Aluminum (18%), and Wax (1%)
TPE:	Thermoplastic Elastomer
TRD:	Thermoredox Detector
TRITONAL:	Explosive Mixture of TNT (80%) and Aluminum (20%)
UV:	Ultraviolet
VOD:	Velocity of Detonation